

Converting Colors

YUV(138.1440, 28.5230,
-1.8803)

Have a look what the booklet for
YUV(138.1440, 28.5230, -1.8803)
contains.

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Color

**YUV(138.1440, 28.5230,
-1.8803)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8880C4 |
| RGB | 136, 128, 196 |
| RGB Percent | 53%, 50%, 77% |
| CMY | 0.4667, 0.4980, 0.2314 |
| CMYK | 0.31, 0.35, 0.00, 0.23 |
| HSL | 247°, 37%, 64% |
| HSV | 247°, 35%, 77% |
| XYZ | 27.8363, 24.6581, 55.5169 |
| YIQ | 138.1440, -17.0600, 22.8440 |

Conversions

Conversions Part 2

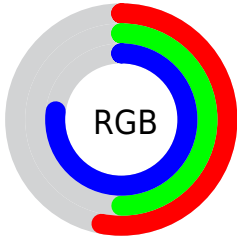
| Format | Color |
|-------------------------------------|--|
| RYB | 136, 128, 196 |
| Decimal | 8945860 |
| CIELab | 56.74, 18.51, -34.36 |
| CIElCh | 57, 39.029, 298.303 |
| Yxy | 24.6581, 0.2577, 0.2283 |
| Android (android.graphics.Color) | 4287135940 (0xFF8880C4) |
| YUV | 138.1440, 28.5230, -1.8803 |
| Hunter-Lab | 49.6569, 13.1626, -31.5269 |

Details

The YUV color **138.1440, 28.5230, -1.8803** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **185.8560, -28.5230, 1.8803**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1980, 29.9754, -1.0506**, and **87.6770, 26.7812, -3.2247** is the 20% darker color. If you saturate the color by 10%, you get **121.3210, 36.8167, -2.0355**, and if you desaturate by 10%, it is **154.9670, 20.2293, -1.7251**.

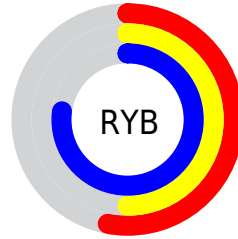
Distribution



Red (53%)

Green (50%)

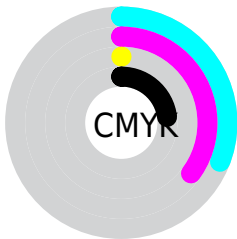
Blue (77%)



Red (53%)

Yellow (50%)

Blue (77%)

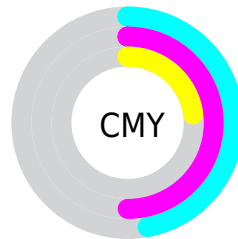


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (50%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1440, 28.5230, -1.8803 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 138.1440, 28.5230, -1.8803 by changing the saturation by 10% instead.

■ 138.1440, 28.5230,
-1.8803

■ 138.1440, 28.5230,
-1.8803

255.0000, 0.0000,
0.0000

■ 112.6170, 27.7968,
-2.2951

■ 192.1980, 29.9754,
-1.0506

■ 87.6770, 26.7812,
-3.2247

■ 216.6470, 18.9080,
2.0636

■ 63.4380, 25.9131,
-4.7691

■ 242.3410, 6.2409,
4.9629

■ 40.7860, 24.7555,
-6.8283

■ 17.0410, 24.6298,
-13.1910

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 138.1440, 28.5230,
-1.8803

■ 138.1440, 28.5230,
-1.8803

■ 121.3210, 36.8167,
-2.0355

■ 154.9670, 20.2293,
-1.7251

■ 104.7860, 44.9685,
-3.3203

■ 171.5020, 12.0775,
-0.4403

■ 87.9630, 53.2622,
-3.4756

■ 188.3250, 3.7838,
-0.2850

■ 71.7270, 61.2666,
-4.1456

■ 204.5610, -4.2206,
0.3850

■ 54.9040, 69.5603,
-4.3008

■ 221.3840,
-12.5143, 0.5402

■ 37.7820, 78.0015,
-5.0708

■ 238.5060,
-20.9555, 1.3102

■ 29.2210, 82.2220,
-5.4558

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



127.8610, 37.5365, -46.3591



138.1440, 28.5230, -1.8803



140.0360, 15.7583, 32.4174

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



138.1440, 28.5230, -1.8803



135.3480, -27.7796, 43.5448



106.1580, 13.2331, -91.3466

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



138.1440, 28.5230, -1.8803



185.8560, -28.5230, 1.8803

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



123.8540, -12.2530, -36.7060



138.1440, 28.5230, -1.8803



133.8370, -32.9506, 22.0680

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



138.1440, 28.5230, -1.8803



137.0410, -15.3032, 55.2150



130.0400, -27.6277, -5.2971



108.8490, 28.6684, -95.4606

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.1440, 28.5230, -1.8803



139.4910, 5.6739, 46.9274



130.0400, -27.6277, -5.2971



116.7610, 2.0898, -63.8114

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



138.1440, 28.5230, -1.8803



233.7470, 10.4777, -0.6551



170.9720, 12.3388, -37.6864



114.4220, 6.6940, -0.3701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.1440, 28.5230, -1.8803



163.7860, 44.9685, -3.3203



148.3100, 23.5112, 19.0221



88.4390, 4.2206, -0.3850



24.0350, 67.5237, -4.4157



4.9580, 13.8247, -0.8402

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



155.1720, 16.1842, 35.8062



190.7090, 25.2865, 56.3832



175.6900, -23.5112, -19.0221



91.0160, 2.4571, 5.2480



64.3270, 38.2928, 84.7822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 138.1440, 28.5230, -1.8803 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 138.1440, 28.5230, -1.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

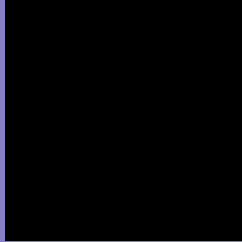
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.1440, 28.5230, -1.8803

Background



This preview shows how black text looks on a background with the YUV color 138.1440, 28.5230, -1.8803.



This preview shows how white text looks on a background with the YUV color 138.1440, 28.5230, -1.8803.

-1.8803.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

138.1440, 28.5230, -1.8803

Protanopia

135.6580, 32.2136, -18.9941

Deuteranopia

135.5610, 29.3034, -18.9090



Tritanopia

135.6660, 6.5737, -8.4771

Trichromacy



Original Color

138.1440, 28.5230, -1.8803

Protanomaly

136.6480, 30.7395, -12.8463

Deuteranomaly

136.1920, 28.9923, -12.4464

Tritanomaly

136.4520, 14.5672, -5.6584

Monochromacy



Original Color

138.1440, 28.5230, -1.8803

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7470, 10.4777, -0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1440, 28.5230, -1.8803 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(136, 128, 196)` looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(136, 128, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 196) }
```

Border

The CSS property to change the border of an element to YUV 138.1440, 28.5230, -1.8803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 128, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(136, 128, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(136, 128, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 196);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 138.1440, 28.5230, -1.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 128, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(136,  
128, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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